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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/812,538	
	Filing Date	March 30, 2004	
	First Named Inventor	Robert L. Goldsmith	
	Art Unit	Not yet assigned	
	Examiner Name	Not yet assigned	
Total Number of Pages In This Submission	3	Attorney Docket Number	647P002Div.

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Kevin S. Lemack Niels & Lemack
Signature	
Date	May 19, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Robert L. Goldsmith
Serial No. : 10/812,538
Filed : March 30, 2004
For : AIRLIFT MEMBRANE DEVICE AND MEMBRANE BIOREACTOR
AND BIOREACTOR PROCESS CONTAINING SAME
Examiner : Not yet assigned
Art Unit : Not yet assigned
Attorney
Docket No. : 647P002Div.

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Sir:

INFORMATION DISCLOSURE STATEMENT


The Examiner is respectfully requested to consider the documents which are listed on the attached form PTO 1449.

The Examiner's attention is drawn to parent U.S. Patent Application Serial No. 10/261,107 filed September 30, 2002 and the references cited therein. For the convenience of the Examiner, those references are listed on the attached form.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 19, 2004


Signature: Kevin S. Lemack
Date: May 19, 2004

Respectfully submitted,


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FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 647P002Div.	SERIAL NO. 10/812,538
	Robert L. Goldsmith	
	FILING DATE March 30, 2004	GROUP Not yet assigned

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,707,514	1/1998	Yamasaki et al.	210	151	
	AB	6,284,135	9/2001	Ookata, Masanobu	210	220	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BA							

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	CA	Mercier, M. et al., 1995, "Influence of the flow regime on the efficiency of a gas/liquid two-phase flow medium"; Biotechnol. Techniques, 9, 853-858.
	CB	Mercier, M. et al., 1997, "How slug flow can enhance the ultrafiltration flux in mineral tubular membranes"; J. Membrane Sci., 128, 103-113.
	CC	Mercier, M. et al.; 1998, "Yeast suspension filtration: flux enhancement using a gas/liquid upwards slug flow - Application to continuous alcoholic fermentation with cell recycle"; Biotechnol. Bioeng., 58, 47-57.
	CD	Leonard D., et al. 1998; "A novel membrane bioreactor with gas/liquid two-phase flow for high performance degradation of phenol, Biotechnol. Prog., 14, 680-688.
	CE	Mercier-Bonin M. et al.; 2000, "Hydrodynamics of slug flow applied to crossflow filtration in narrow tubes"; AIChE Journal, 46 476-488.
	CF	Mercier-Bonin M. et al., 2000, "Influence of a gas/liquid two-phase flow on the ultrafiltration and microfiltration performances: case of a ceramic flat sheet membrane"; J. Membrane Sci., 180, 93-102.
	CG	In-Soung Chang et al.; 2002; "Air sparging of a submerged MBR for municipal wastewater treatment"; Process Biochemistry 37 (2002) 915-920.
	CH	NAMS 2002; Nong XU et al. "Design and Application of Airlift Membrane-Bioreactor for Municipal Wastewater Reclamation" Article.
	CI	Water Science & Technology Vol. 41, No. 10-11 pp. 243-250; 2000; "Ultrafiltration of activated sludge with ceramic membranes in a cross-flow membrane bioreactor process"; X-j Fan et al. - English Abstract
	CJ	Steven Till et al.; "Membrane Bioreactors: Wastewater treatment applications to Achieve High Quality Effluent"; 64 th Annual Water Industry Engineers and Operators' Conference; 9/5&6/2001; pp-57-65
	CK	Tsignhua Science and Technology; ISSN 1007-0214 08/17; pp.283-287; vol. 5, Number 3, September 2000; "Ceramic Ultra Filtration membrane Bioreactor for Domestic Wastewater Treatment"; Wen Xianghua et al.
	CL	Feature Article; June 26, 2002; "Membrane Bioreactors: Design and Operation Options"; Professor A .Fane et al.
	CM	Session 6: Membrane bioreactors for Wastewater Treatment and Water Reclamation; "Applying Membrane Bioreactor Technology for Wastewater Treatment in the Netherlands" Helle F. Van der Roest.

	CN		Session 6: Membrane Bioreactors for Wastewater Treatment and Water Reclamation; "Applying Membrane Bioreactor Technology for Water Reclamation"; R. Rhodes Trussell et al.
	CO		Session 6: Membrane Bioreactors for Wastewater Treatment and Water Reclamation; "Case Study: Membrane Bioreactor Testing in Seattle, Washington"; Graham J.g. Juby et al.
EXAMINER			DATE CONSIDERED
EXA MINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance <i>and</i> not considered. Include copy of this form with next communication to applicant.			